

Security Information

REPORT

50X1-HUM

CD NO.

DATE DISTR. 26 January 1953

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(LISTED BELOW)

SUPPLEMENT TO
REPORT NO.

50X1-HUM

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Attached [redacted] is a [redacted]
[redacted] report [redacted] containing
information on various industrial plants and installations in Yugoslavia.

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2000-2001
10-2001-2002

CLASSIFICATION ~~SECRET~~/CONTROL - U.S. OFFICIALS ONLY

[illegible]

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Name of the factory

" " GINKARNA CELJE " "

(Celje Zinc Plant)

Factory Location

Northern edge of the place mentioned in the margin, about 1 km. from the railroad station

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Dimensions and characteristics of the area occupied

- about 400 x 300 m.; part of the surrounding area is inhabited, uncultivated earth, there are no possibilities for expanding the unit surrounded by a wooden fence about 2.50 m. high.

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Ministry or enterprise to which the unit belongs

The unit is under the Industrial Ministry of the Republic of SLOVENIA in LJUBLJANA

Personnel: officials and employees

Director: Mining Eng. PIPUS, first name not known, [redacted]

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2 engineers: names not known

- 1 German mining engineer, repatriated in August of 1950, because of a completed contract

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15 - 20 technicians: [redacted] names not known

Number of workers and employees

- about 1500

Work shifts

Ore roasters - one shift, from 0300 to 8 -0900 and 1000, depending upon the work load

Gas workers and laborers, three shifts, from 0600 - 1400, 1400 - 2200, 2200 - 0600 hours.

Production

The factory under discussion produces in 24 working hours about 25 tons of zinc in ingots of 18 to 20 kg. each.

Operating procedure

The zinc ore is brought via overhead crane from the deposit in the building marked "D" [redacted] and is roasted in an enormous oven, 50X1-HUM where it is reduced to a powder.

After the powder is mixed with coking coal, (about 30%) this mixture is taken to the building [redacted] by narrow gauge where it is roasted in 10 ovens which are set up for this purpose inside, having the dimensions of 12 x 4 x 2½ m. Each oven has about 50 openings per side, set in the following fashion:

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diagram

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Under each opening a small clay receptacle is placed into which the zinc runs; then it is poured with other mixtures into the form.

The ovens mentioned are made of refractory bricks.

The 10 gas holders are marked with the letter "Q" [] 50X1-HUM
these give the air which is necessary for the ovens during the cooking of the minerals.

Destination of the product

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✓ The greater part of the output is sent to AMERICA, the remainder to the interior of YUGOSLAVIA; [] 50X1-HUM

Source of ore

Some of the ore comes from MACEDONIA; the coking coal is from GERMANY

Description of the unit

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✓

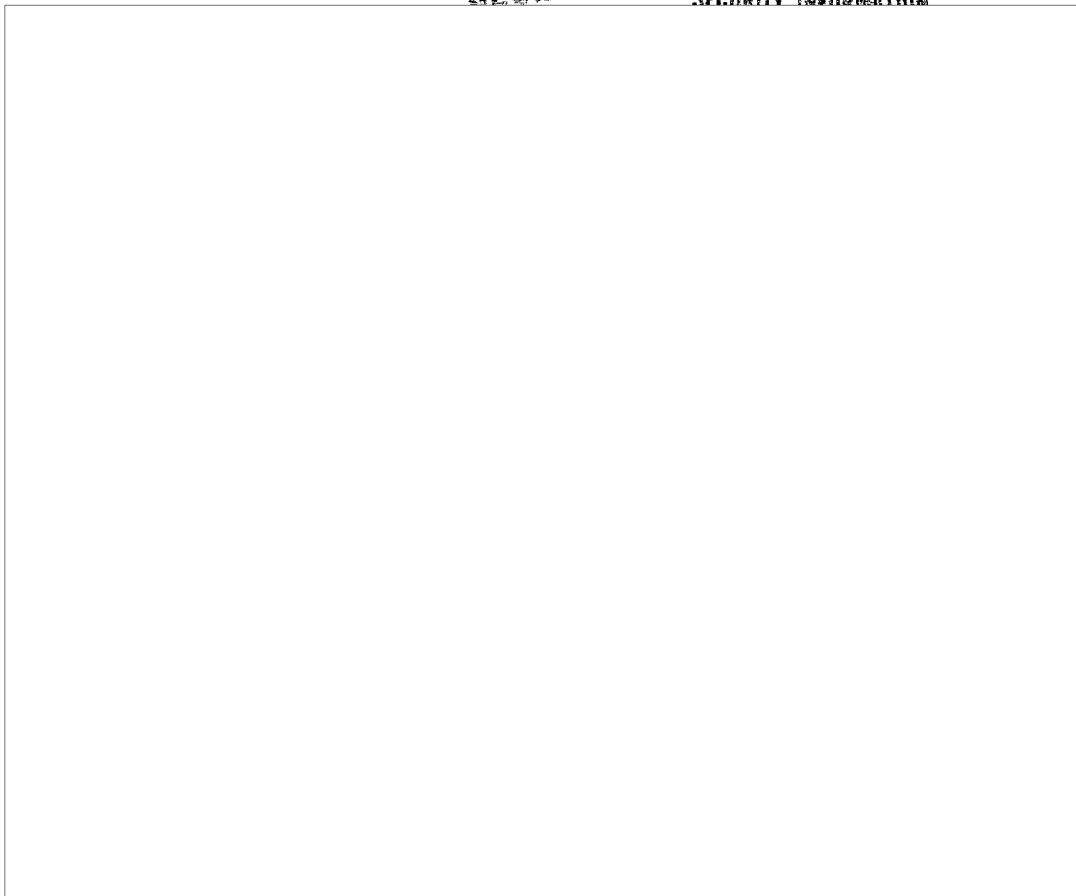
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Store stock

no details

✓ Information on electric power

- generated at the CELJE power plant

✓ Means of transportation from the unit

Transportation of ore to the plant and shipping of the products to their destination is by railway

Projects and possibility of improvement on the unit

- none

Administrative Organization

- no details

Wages

ore roasters from 5 - 5,300 dinars per month

laborers from 3 - 4,000 " " "

Board

- monthly payment - about 2,000 dinari

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Means of protection

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- night guards
- 20 man fire squad
- anti-aircraft protection: none

Strikes

not allowed

Services

Autos: 2

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SECURITY INFORMATION

B) - ECONOMIC INFORMATION

INDUSTRIES

TITOVI ZAVODI LITOSTROJ metallurgical

plant

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buildings and installations

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✓ group of barracks (under construction).

11 wooden barracks have been built to house workers and

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their families. The characteristics of these barracks are as follows:

- wooden barracks resting on concrete foundations
- dimensions, about 50x8 meters
- gabled roof
- wooden and tar paper roofing
- Area 50X1-HUM

group of barracks (under construction).

7 barracks identical with those described above have been built.

↓ New cylindrical boiler shop (under construction)

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Construction work is now being carried out in front of the mess hall

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The new building is about 80X40 meters.

Work was begun in the spring of 1952 and is scheduled to end in July-August 1952.

✓ Steel Foundry

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Blast Furnaces

Of the two existing blast furnaces mentioned in the referenced report, only the Hruska of German make is in operation.

The Siemens-Martin, of French make, is not yet in operation.

It is on the spot, but has not been completely installed as yet.

When it is installed and put in operation, the production of tanks will be started.

Turrets and armor plates for tanks**U. S. OFFICIALS ONLY****SECRET**

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[REDACTED]
[REDACTED]
[REDACTED] The

latter soon will begin production of steel parts for tanks: armor plates, turrets, and other parts

[REDACTED]
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Large turbines delivered and to be delivered

The status of the large turbines being made for the hydroelectric power plants

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[REDACTED]
[REDACTED]
[REDACTED]

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- CERKVENICA (SUSAK, [REDACTED]), delivered

[REDACTED]
- JABLANICA (PROZOR, [REDACTED]) under
construction

- MAMRDOVO (DEBAR, [REDACTED]), not known

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- MEDVODE (LJUBLJANA, [REDACTED]) not yet
delivered

- ZAVIDOVICI (ZENICA, [REDACTED]) under 50X1-HUM
construction

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- MARIBORSKI OTOK (MARIBOR area [REDACTED]),
delivered [REDACTED]

- SANA (SANSKI MOST) (PRIJEDOR [REDACTED])
under construction

- JAJCE I (JAJCE, [REDACTED]), under
construction

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- JAJCE II (JAJCE/ [] under con-50X1-HUM
struction

- SLAP ZETE (Zeta River falls)

(NIKSIC [])

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✓ The turbine for the MEDVODE
hydroelectric power plant is being
completed; its power capacity
will be 40,000 volts.

Air raid shelter under construction

✓ An air raid shelter for the
workers of the plant is under
construction; it consists of
a tunnel, 20 meters below
ground level.

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Characteristics:

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- An entrance ~~about~~ half-way the length of the installation, on its northeast side.
- another entrance about 60-70 south

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- Tunnel with the following characteristics:

[Sketch]

- height, 2.50 meters
- width at the base, 2 meters
- width at medium height, 2.50 meters
- concrete flooring
- walls and vault covered with

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- a 30-centimeter layer of re-inforced concrete
- over-all length, 800 meters
- ventilation by concrete tubes emerging from the ground

Dismissal of workers

In 1951, 300 workers were dismissed; 100 were dismissed during the first quarter of 1952. The reasons for the dismissals are as follows:

- the large turbines being built by the plant are nearly completed
- no new orders have been received

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D. POLITICAL INFORMATION

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1) Miscellaneous

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" " GEO-ZAVOD " " Geodetic Organization, Instituted in 1947.
Under the geodetic ~~Administration~~ Security Information

Location

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Located at No 2 CRVENT ARMBE in a 4 story building.

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~~SECRET~~ U. S. OFFICIALS ONLY~~three~~ SECURITY INFORMATION

The organization occupies the ~~ground and first two~~ floors, while the ~~remaining~~ ^{fourth floor is} ~~3 floors are~~ used for private quarters.

Up to June 1951 the organization was located at No 8, Ulica MORTIEVA

FunctionsAttribution

The organization has the task of ^{surveying} ~~measuring~~ the territory of CROATIA, making ^{triangulations} ~~divisions~~ and leveling, making topographical maps and ^{sketches} ~~illustrations~~ of areas of particular importance.

Also, ^{canalization} ~~the improvement of canals~~ it studies and specializes in projects for ~~the improvement of canals~~ and river control.

The organization is also called on to give directions for the ^{construction} ~~constructions~~ of important ^{units} ~~buildings~~ such as new factories, hydro-electric centers, etc.

The topographic maps are ^{made} ~~followed~~ on a 1,500 scale.

^{organization also cooperates} ~~The enterprise's work is in connection with the armed forces.~~

^{On} ~~At~~ the date mentioned in the margin, some ^{units of the organization started to} ~~work had been done on the dividing~~ ^{survey} ~~of~~ the LIKA (GOSPIC), KORDUM and POZAVENA (KARLOW ^{AC}) sections in collaboration with the military technicians from BELGRADE.

Internal Ordinance

- Director: 1st class engineer KIAK

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Personnel ~~reporter~~: a certain JUT

Units

The organization is subdivided into the following units:

- Triangulation unit
- Precision and leveling unit
- Measuring and detail unit
- Topographical unit
- Lithographical unit

The measuring and detail unit is subdivided into ^{further} ~~other~~ sections:

- section for canalization
- improvement section

- ~~improvement section~~
- section for river ^{regulation} ~~control~~

--- no others ~~known~~

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RJ- ECONOMIC INFORMATION

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INDUSTRIES

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New munitions factory (under construction)

--Location

SECURITY INFORMATION

Immediately northwest of the town of CUKOVAC

~~about~~

about 3 kilometers east of the place indicated in margin,

will be built the factory mentioned above.

Construction work on the factory is being done immediately northwest of the town of CUKOVAC.

A bit further northwest, in the direction of the LICKI OSIK SIROKA

KULA road , are the houses for the workmen.

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Date that work was begun

- 1950

Work already done

- foundation for the main building, which will contain the work shops.

Dimensions about 200 x 200 meters.

- Machine ~~room~~ ^{ROOM} and ~~mechanical workshop~~ ^{MACHINE WORKSHOP}.
 building ~~consists of~~ ^{CONSISTS OF} reinforced concrete pillars ~~covered with brick~~ ^{AND} ~~CONSTRUCTION~~ ^{BETWEEN PILLARS} with saw-toothed roof--covered with corrugated eternit.

Dimensions about 200 x 160 meters.

Construction work has progressed as far as the roof.

- Three workmen's houses finished - of brick - three-story - gabled roof - covered with tiles - dimensions of each, about 40 x 20 meters.

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- Road from the railroad station of LICKI OSIK to the factory.

~~Length, about 4.50 meters.~~

Width, about 4.50 meters.

Building contractors

- plan and management of the work:

- PREDUZECE IVAN GOSNJAK - LICKI OSIK -

(Ivan Gosnjak ~~ENTERPRISE~~ ^{ENTERPRISE} - Licki Osik)

Construction work

VOJNO GRADJEVNO PODUZECE "TEMPO" Dionica "A" LICKI OSIK.

("Tempo" military construction enterprise, Sector "A" LICKI OSIK)

Director of the "GOSNJAK" at LICKI OSIK

- Lieutenant Colonel SALETIC Zarije.

Engineer in charge of the work

- Engineer SIMAC Djuro

Sector director of "TEMPO"

- Captain MIKIC Vladimir

Workmen assigned to the job

- about 3000 soldiers, who were recalled to service for training
- about 200 civilian workers

Motor vehicles available

- 3 crushers

- 1 compressor, new, capacity not known, arrived about 50X1-HUM
3 months ago.

- 1 ~~compressor~~ ^{STEAM} roller for roads, 7-ton.

Progress of the work

The work is being done slowly and is running behind schedule because of a serious shortage of construction materials and equipment.


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SECRET CONTROL**SECURITY INFORMATION**A) TOPOGRAPHIC INFORMATIONProbable construction of a new
railroad bridge

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✓  - The railroad bridge located ^{about} 2 kilometers north of the locality indicated in the margin had been destroyed during the war.

At the end of the war a temporary steel bridge was built, which trains must cross at greatly reduced speed.

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Plans are now afoot to build a new bridge across the Isongo River, about 10-15 meters from and parallel to the above bridge.

Terrain survey work was carried out in December, January, and February. The soil was found to be excellent for construction purposes.

The possible date on which construction of the bridge will begin is not known.

Enterprise in charge of the project
(Slobinsko Vrtanje, Deep Drilling

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construction of a hydroelectric
power plant

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At four unidentified points
near the locality in question,
drillings were to be made to
study the terrain.

The purpose of these drillings
the projected construction of
new hydroelectric power plant
on the Isongo River. One drilling

Hydroel
From 1949, some plants started here
called by Italy in peace time - these
plants have been in operation

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has been made, but the project
has been suspended by lack
of funds.

Enterprise in charge of the project.

Same as for the project described
previously.

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Report

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A) - Economic Informationa) Industries- Workshop of the FF. SS.2) - Name of the workshop

main workshop of Jugo Railroads Dept
 GLAVNA DRZAVNA ZELJEZNICKA RADIONICA ZAGREB.

Radionica #1 Trnajska St. Zagreb.
 (Main workshop of the FF. SS. Zagreb.)

3) Location of the workshop

railroad

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This workshop is located at the ~~central~~ station
 of the place mentioned in margin.

4) Dimensions and characteristics of the area occupied

The entire unit occupies an area about 1000 x 500 meters.

Surrounding zone: houses

There is not any possibility of expansion.

Enclosure: a wall about 3 meters high on the south, east,
 and west sides.

5) Office or board in charge of the unit

Office of the FF. SS.

6) Management

- Director: not known

- Production manager: JELICIC JELKO

- Mechanical engineer: JANISKA VATROSLAV

- 2 or 3 engineers: names not known

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7) Number of laborers and clerks

- about 500

8) Work shifts

- 2: from 0600 to 1400 and from 1400 to 2200.

9) Type of work

- General repairs on locomotives and railroad cars.

10) Manufacturing procedures

Making of spare parts by machinery, assembling and disassembling by hand.

Machinery alterations: none.

11) Work intended for:

Repairs made on behalf of the FF. SS.

12) Source of raw material

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Not known

13) Description of the unit

I - Headquarters. 2-story building about 20 x 10 meters.

II - a 2-story building about 20x 8 meters, for use by the administration offices.

III - 4 main workshops, of masonry, about 60 x 30 meters, covered with tile, gabled roof with sky lights.

In these workshops the general repairs are made on locomotives and railroad cars.

- Mechanical engineer: JANISKA VATROSLAV

- Workmen: about 400

IV - Workshop for minor repairs, consisting of 2 masonry buildings, about 60 x 30 meters, covered with tile, gabled roof with sky lights.

- Mechanical engineer: JANISKA VATROSLAV

- Workmen: about 60

Section A

Workshop for small repairs, greasing, checking and preparing locomotives for departure.

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SECTION B

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Workshop for the assembling of easily replaceable internal parts, for the replacing of furnace bars, and other work of minimum importance.

- V) - A masonry building, about 20 x 10 meters, divided into 2 sections:

SECTION A

- Various offices

SECTION B

- Mechanical workshop

~~Equipment~~

Equipment

- 4 electric lathes
- 2 electric drills
- 2 autogenous apparatus

- VI) - Coal depot in an uncovered enclosure with walls about 1.50 meters high.

- length 200 meters
- width 30 meters

On the 2 side walls there is an ~~XXXXXXXXXXXXXX~~ overhead travelling crane ~~XXXXXX~~, which ~~travels on tracks~~ has a capacity of 3 tons and is used for the loading and unloading of coal.

- VII) - Open-air ~~coal~~ depot, ^{for worn out tools} occupying an area about 500 x 200 meters.

- 14) - Arrangement of the warehouses.

Details lacking.

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- 15) - Information on the ~~water~~ electrical power

Electricity received from the city power plant.

- 16) - Rolling stock of the unit and system of transport

By means of the railroad.

- 17) - Progress and possibility of improving, enlarging,
or altering the unit.

None.

- 18) - Administrative organization

- the FF. SS. administration

- Funds: not known

- Budget: not known

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- Dismissals: in April about 30 workmen were dismissed;

Pay

- Skilled workmen, from 7000 to 8000 dinars a month
- Unskilled workmen, from 4000 to 4500 dinars a month
- Apprentices and laborers, from 3000 to 4000 dinars
a month

Union deductions

- 10 dinars on each 1000

- 19) - Union organization

Medical visits

are free for employees and their

- Medical visits and medicines ~~for~~ dependents. ~~and~~

~~and~~

Railroad ~~mess hall~~ workers' mess hall

- this is on Parmaticeva Street.

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Those who eat their meals in this mess hall pay
a monthly sum of 2800 dinars.

Foodstuffs cooperative

For the employees of FF. SS. This is on
VRHOVCEVA Street.

Kindergartens and settlements

Details are lacking.

20) - Protective measures

Guards and inspection

The unit is watched by guards working in shifts
from 2200 to 0600.

Fire-fighting equipment

- one squad of firemen, consisting of about 20 men
- one water truck equipped with pump
- 2-3 extension ladders mounted on two wheels

Antiaircraft protection

None

21) - Strikes -- Acts of sabotage

Strikes are not allowed. Acts of sabotage did not
occur

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